

EXISTING BUILDING RETROFIT COST BREAKOUT

The purpose of this attachment is to provide you a sense of the types of costs that are considered in determining total costs for utilization of each existing facility. These are the costs used to perform cost / benefit analysis as part of the assessment process.

	Building 865	Building 883	Building 460	Building 551	Building 444
Authorization Basis	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
RCRA Permitting	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
Operational Readiness Review	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
Planned D&D Costs					
Stabilization					
Planning	\$27,435	\$27,435			\$317,643
Characterization	\$65,205	\$65,205		\$35,000	\$487,621
Hazardous Material Removal	\$334,309	\$334,309		\$45,624	\$1,432,102
Hazardous Substance Removal	\$323,845	\$323,845		\$32,633	\$178,078
RCRA Closure	\$202,830	\$131,594			
Equipment Removal	\$91,534	\$91,534		\$43,330	\$174,024
Depleted Uranium Removal		\$955,304			
Decontamination	\$56,759	\$56,759			
Tank Deactivation	\$36,396	\$36,396			
Lockout/Tagout Equipment	\$44,538	\$44,538			
Project Management/Other Items	\$707,269	\$707,269			\$1,209,765
Decommissioning					
Planning & Engineering	\$790,500	\$790,500		\$225,960	\$1,796,943
Characterization	\$361,120	\$569,035			\$5,236,147
Decontamination	\$1,640,048	\$2,120,529			\$5,624,000
Equipment Removal	\$67,239	\$156,970			\$19,777,314
Project Management	\$107,895	\$141,400		\$283,340	\$828,000
Site Service Support	\$79,295	\$103,000		\$98,308	\$569,600
Sub Total Planned D&D	\$4,936,217	\$6,655,622	\$0	\$764,195	\$37,631,237
Reconfiguration					
Engineering			\$39,429	\$242,080	
Construction					
Stripout	\$9,915	\$4,957	\$3,305		\$19,830
Repair Floor	\$12,988	\$9,418		\$11,226	\$36,720
Seal Floor	\$108,106	\$78,391	\$28,000	\$81,799	\$305,640
Berms	\$13,752	\$9,972	\$18,000	\$18,548	\$38,880
Security Fence			\$5,625		
Shielding			\$191,520		
Electrical Upgrades				\$225,691	

Mechanical Upgrades				\$102,703	
Structural/Building Upgrades				\$583,815	
Tools/Equipment				\$268,511	
Ventilation Upgrade			\$2,000,000		
Proj. Mgmt	\$28,952	\$15,410	\$228,582	\$283,340	\$60,000
Contractor Support				\$332,125	
Subcontractor Services				\$231,115	
Subcontractor Fee & G&A	\$50,666	\$34,958	\$69,000		\$140,374
Sub Total Reconfiguration	\$224,379	\$154,106	\$2,583,467	\$2,380,953	\$601,444
Future D&D Costs			\$1,500,000	\$1,500,000	
Total	\$5,660,596	\$7,309,728	\$4,583,462	\$5,145,148	\$38,732,681
Capacity (drums)	14587	7470	20520	13950	34548
Capacity (m3)	3063	1569	4309	2930	7255
Startup Unit Cost (\$/drum)	\$388.06	\$978.54	\$223.37	\$369.83	\$1,121.13